

Title (en)

Aqueous dispersion, process for its production and use

Title (de)

Wässrige Dispersion, Verfahren zu deren Herstellung und Verwendung

Title (fr)

Dispersion aqueuse, procédé de sa préparation et utilisation de cette dispersion

Publication

EP 1203801 A3 20040102 (DE)

Application

EP 01124745 A 20011017

Priority

DE 10054345 A 20001102

Abstract (en)

[origin: EP1203801A2] Aqueous dispersions comprises a cerium (Ce) oxide-doped pyrogenic silica, the Ce oxide having been obtained via an aerosol from a Ce salt solution or dispersion and the average particle diameter in the dispersion being below 100nm. An Independent claim is also included for the production of the dispersions by high-energy dispersion.

IPC 1-7

C09K 3/14; **C09G 1/02**; **H01L 21/306**; **H01L 21/321**

IPC 8 full level

C03B 8/02 (2006.01); **B01F 23/00** (2022.01); **C01B 33/141** (2006.01); **C03B 20/00** (2006.01); **C03C 19/00** (2006.01); **C09C 1/68** (2006.01); **C09G 1/02** (2006.01); **C09K 3/14** (2006.01); **C09K 23/00** (2022.01); **D21H 19/38** (2006.01); **H01L 21/306** (2006.01); **H01L 21/3105** (2006.01); **H01L 21/321** (2006.01)

CPC (source: EP KR US)

C09G 1/02 (2013.01 - EP KR US); **C09K 3/1463** (2013.01 - EP US); **H01L 21/31053** (2013.01 - EP US); **Y10T 428/31993** (2015.04 - EP US)

Citation (search report)

- [Y] WO 9506690 A1 19950309 - RODEL INC [US]
- [Y] US 5891205 A 19990406 - PICARDI S CHARLES [US], et al
- [Y] EP 0850876 A1 19980701 - DEGUSSA [DE]
- [A] WO 0017282 A1 20000330 - SAMSUNG GENERAL CHEMICALS CO [KR], et al

Cited by

AT501131B1; EP1333080A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1203801 A2 20020508; **EP 1203801 A3 20040102**; **EP 1203801 B1 20090325**; AT E426649 T1 20090415; DE 10054345 A1 20020508; DE 50114784 D1 20090507; JP 2002211915 A 20020731; JP 3990559 B2 20071017; KR 100526915 B1 20051109; KR 20020034951 A 20020509; MY 129156 A 20070330; SG 91941 A1 20021015; TW I294450 B 20080311; US 2002095873 A1 20020725; US 6663683 B2 20031216

DOCDB simple family (application)

EP 01124745 A 20011017; AT 01124745 T 20011017; DE 10054345 A 20001102; DE 50114784 T 20011017; JP 2001336247 A 20011101; KR 20010067776 A 20011101; MY PI20015037 A 20011031; SG 200106589 A 20011025; TW 90126796 A 20011029; US 98518401 A 20011101